

# Notice of Allowability

Application No.

09/345,289

Examiner

Charles E Anya

Applicant(s)

IYENGAR, SRIDHAR SRINIVASA

Art Unit

2126

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's argument/remarks of 9/7/04.
2. ☒ The allowed claim(s) is/are 1,6,11,13-17: now renumbered as 1-8.
3. ☒ The drawings filed on 16 August 1999 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

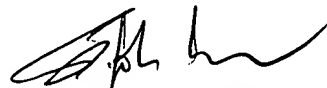
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 11/5/04.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
CHARLES E ANYA  
EXAMINER

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Ms. Phuong Hoang (Reg. No. 41,839) on 11/5/04.

In the claims:

a. Claims 1;

- line 1, insert after "a" – Universal Modeling Language (UML) compliant --;
- line 2, insert after "a" -- Meta Object Facility (MOF) compliant --;
- line 2, replace ", the software tool and the repository" with – the UML compliant software tool and the MOF compliant repository --;
- line 6, insert after "the" -- MOF compliant --;
- line 7, insert before "," -- , wherein the set of rules is XML Document Type Definitions (DTD) --;
- line 9, insert before "," -- , wherein the stream of data conforms to XML Metadata Interchange standard --;

- b. Cancel claims 2 – 5;
- c. Claim 6;
  - line 5, replace “repository of the first type and at least one software tool of a second type” with – Universal Modeling Language (UML) compliant software tool and at least one Meta Object Facility (MOF) compliant repository --;
  - line 8, insert after “the” -- at least one MOF compliant --;
  - line 9, insert before “;” -- , wherein the set of rules is XML Document Type Definitions (DTD) --;
  - line 11, insert before “;” -- , wherein the stream of data conforms to XML Metadata Interchange standard --;
  - line 12, insert before “repository” – at least one MOF compliant -  
-;
  - line 14, insert before “software” – at least one UML compliant --;
- d. Cancel claims 7 – 10;
- e. Claim 11;

- line 2, replace "MOF-based repository" with -- Universal Modeling Language (UML)-based software tool and a Meta Object Facility (MOF)-based repository --;
- line 9, replace "." with -- ; --;
- line 10, insert -- d.       transmitting the XML stream from the MOF-based repository to the UML-based software tool, via an exporter module; and --;
- line 11, insert -- e.       receiving the XML stream, at the UML-based software tool, via an importer module. --;

f.       Cancel claim 12;

3.       Pursuant to MPEP 606.01, the title has been changed to read: -- A METADATA DRIVEN SYSTEM FOR EFFECTING EXTENSIBLE DATA INTERCHANGE BASED ON UNIVERSAL MODELING LANGUAGE (UML), META OBJECT FACILITY (MOF) AND EXTENSIBLE MARKUP LANGUAGE (XML) STANDARDS --.


4.       Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E Anya whose telephone number is (571) 272-3757. The examiner can normally be reached on M-F (8:30-6:00) First Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, An Meng-Ai can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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